

MEMORANDUM

SUBJECT: Remedy Construction Evaluation
Sauer-Danfoss (IAD056736184)
2800 East 13th St.
Ames, Iowa

FROM: Bill Ferguson, Corps of Engineers for
RCRA Corrective Action and Permits Branch
Air and Waste Management Division

TO: File

A file review was performed to confirm that the remedy, a groundwater interception trench, was constructed as proposed so that RCRAinfo could be updated to indicate construction complete.

The Corrective Measures Study Report dated April 1996 under Alternative 4 – Groundwater Interception Trench/Discharge to Local POTW/Monitor Groundwater, states that a 900 foot trench with collection piping would be installed along the leading edge of the shallow groundwater plume.

A letter from EPA to the facility dated October 22, 1996 states that EPA approves the Corrective Measures Study (CMS) Report and selects Alternative Number 4 as the remedy. EPA also approved the September 1996 Construction Work Plan, as amended by the October 18, 1996 letter from Montgomery Watson that provides their comment responses.

Fact Sheet – Corrective Measures Implementation, Sauer-Sundstrand Company, Ames, Iowa states that EPA's proposed remedy is Alternative 4 – The VOC groundwater plume will be intercepted by a groundwater interception trench and directly discharged to the sanitary sewer in accordance with conditions established by the City of Ames POTW. Groundwater monitoring will be performed to document the effectiveness of the interception trench. The interception trench is a perforated pipe located approximately 25 feet deep, is approximately 900 feet long, and is installed along the leading edge of the groundwater plume. The interception trench collects the groundwater and discharges it to the sanitary sewer.

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The Construction Work Plan dated September 1996 specifies that the trench will have a depth of 25 feet and a total length of approximately 750 feet.

In a letter from EPA to Montgomery Watson, it is stated that the Construction Completion Report is compatible with the selected alternate remedy No. 4 (Groundwater Interception Trench and Discharge to local POTW) presented in the Corrective Measures Study Report dated April 30 and revised for the EPA on July 5, 1996.

Bill Ferguson
RCAP
15 August 2008